

Notice of Allowability

Application No.

09/763,439

Examiner

Christopher O. Onuaku

Applicant(s)

DE HAAN, WIEBE

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

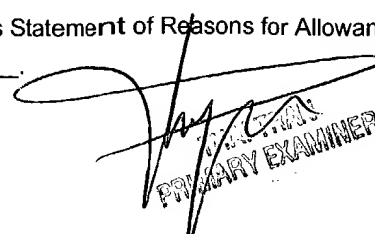
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 12/11/04.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/21/01
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 12/10/04.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael E. Belk on 12/10/04

The application has been amended as follows:

In the Claims:

Claims 1&7:

line 3, after "record carrier, ", "such as an optical disc," has been deleted;

In the Figures:

Fig.6-11 have been labeled as shown in red in the figures in the drawing sheets attached.

Allowable Subject Matter

2. Claims 1-12 are allowable over the prior art of record.
3. The following is a statement of reasons for the indication of allowable subject matter:

Art Unit: 2616

Regarding claim 1, the invention relates to a method for recording encoded information signals on a novel and inventive format for DVD-Video compatible real-time recording of video streams, intended for home video recording on an optical medium which is playback compatible with DVD-Video.

The closest references Kikuchi et al (US 5,870,523) teach a recording medium on which a data containing navigation data is recorded, a method and apparatus for reproducing a data according to the navigation data, and Heo (US 6,167,192) teaches a DVD disc, a device and a method for reproducing the same, including an audio private DVD disc, a device and method for reproducing the same.

However, Kikuchi et al and Heo fail to explicitly disclose a method of recording an encoded bit stream, the encoded bit stream representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG 2 Program Stream on a disc like carrier, including an optical disc, the method comprising wherein recording at least a second series of contiguously arranged video objects constituting a second video object set and corresponding second management information on the disc, and wherein the at least two video objects are combined into a single video object set and the first and the at least second management information precedes the combined video object set.

Regarding claim 7, the invention relates to a method for recording encoded information signals on a novel and inventive format for DVD-Video compatible real-time recording of video streams, intended for home video recording on an optical medium which is playback compatible with DVD-Video.

Art Unit: 2616

The closest references Kikuchi et al (US 5,870,523) teach a recording medium on which a data containing navigation data is recorded, a method and apparatus for reproducing a data according to the navigation data, and Heo (US 6,167,192) teaches a DVD disc, a device and a method for reproducing the same, including an audio private DVD disc, a device and method for reproducing the same.

However, Kikuchi et al and Heo fail to explicitly disclose a recording apparatus for recording an encoded bit stream, representing a plurality of video objects comprising a sequence of cells together constituting a part of an MPEG 2 Program Stream, on a disc like carrier, including an optical disc, where the recording apparatus comprises wherein the management information precedes the video object set and constitutes therewith a playable video title, and wherein the recording apparatus comprises system control means adapted to control recording of at least a second series of contiguously arranged video objects constituting a second video object set and corresponding second management information on the disc, and wherein the at least two video objects are combined into a single video object set and the first and the at least second management information precedes the combined video object set.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Matsumoto (US 6,504,993) teaches a technique for recording content data, such as video data, on an optical information recording medium, such as a DVD-R (Digital Versatile Disk-Recordable) or a DVD-RAM.

Art Unit: 2616

Yamane et al (US 6,393,196) an authoring system for variously processing a bitstream carrying video information representing individual titles having content with a particular sequential relationship, audio data, and ancillary video data, a method for generating a multimedia stream comprising mutually related audio data and video data, and a multimedia optical disk authoring system for storing the multimedia stream as digital data.

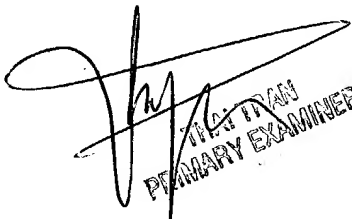
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher O. Onuaku whose telephone number is (703) 308-7555. The examiner can normally be reached on M-F 8:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Faile can be reached on 703-305-4725. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


COO

12/11/04.


CHRISTOPHER O. ONUAKU
PRIMARY EXAMINER